



AVOX Systems

Assemblies
Cylinder, Regulator, Valve

26875/26884 Series Charging Valve Assemblies



The AVOX Systems 26875 and 26884 Series Charging Valve Assemblies are designed for recharging high pressure, fixed aircraft oxygen cylinders stored in out-of-the-way or inaccessible locations.

Both assemblies are similar in construction except that the fitting end of the 26875 series is designed per SAE AS 1046, and the fitting end of the 26884 series is designed per SAE AS 1219.

The valve assemblies may be mounted on the interior bulkheads or externally on the aircraft skin. The assemblies contain an internal check valve, filter, and flow restrictor. The external cap prevents the entry of contaminants and provides a secondary seal.

They are designed for 1800 and 1850 psig general and executive type aircraft oxygen systems ranging in capacity from 11 to 115 cubic feet (300 to 3300 l).

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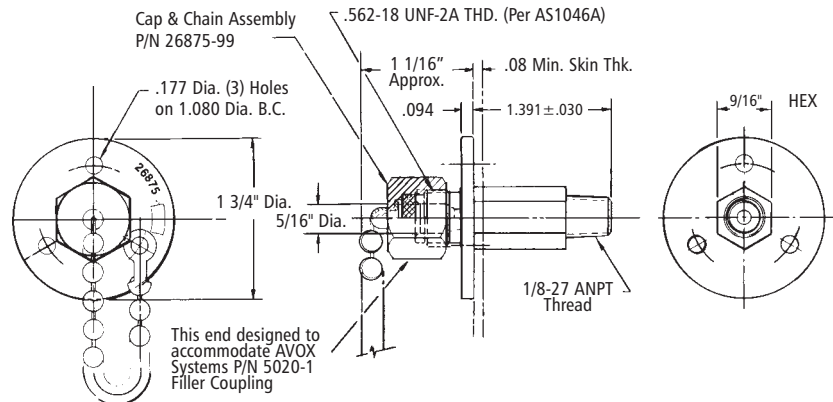




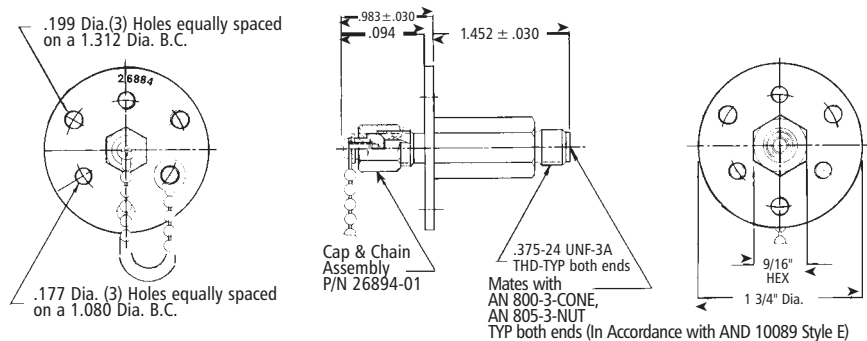
Outstanding Features

- Rugged construction proof tested to 3000 psig
- Operating (fill) pressure 0 to 2000 psig
- External cap provides back-up protection against leaks
- Highly reliable performance from -65°F to 150°F temperatures
- Maximum weight less than .200 lbs.
- The dash number indicates capacity of cylinder to be charged. Example: 26875-48=ORIFICE SET to fill 48 cubic foot cylinder
- Dash numbers available for 26875 series and 26884 series: -11, -22, -38, -39, -48, -49, -63, -66, -73, -76, -107, -115
- Mainly brass construction is corrosion resistant

26875 Series



26884 Series



Specifications

Service Gas:	Aviator's Breathing Oxygen Per MIL-PRF-27210, Type 1
Inlet Pressure:	0-2000 psig
Operating Temperature Range	-65°F to +150°F -54°C to +66°C
Construction:	Main Parts - Brass, Cadmium Plated Cap of 26884 Series is CRES
Weight:	#26875 Series - .187 lbs (84.79 g) #26884 Series - .198 lbs (89.78 g)
The 26875 Series inlet fitting connection mates with AVOX P/N 5020-1, Filler Coupling The 26884 Series inlet fitting mates with AVOX P/N 803487-01 Filler Coupling	
Replacement Cap and Chain Assemblies:	P/N 26875-99 for 26875 Series P/N 26894-01 for 26884 Series

WARNING

IMPROPER USE OR MAINTENANCE OF THESE DEVICES MAY RESULT IN INJURY OR DEATH. ANY SERVICE OR OVERHAUL SHALL BE DONE ONLY BY THOSE FACILITIES EXPERIENCED IN, OR BY PERSONNEL KNOWLEDGEABLE IN, HIGH PRESSURE AVIATION OXYGEN. CONTACT AVOX SYSTEMS

OR ITS DISTRIBUTORS FOR NAMES OF AUTHORIZED SERVICE CENTERS. PERSONNEL SHOULD RECEIVE PROPER TRAINING PRIOR TO USING THIS EQUIPMENT. UNIT SHALL BE USED WITH AVIATOR'S BREATHING OXYGEN PER MIL-PRF-27210.